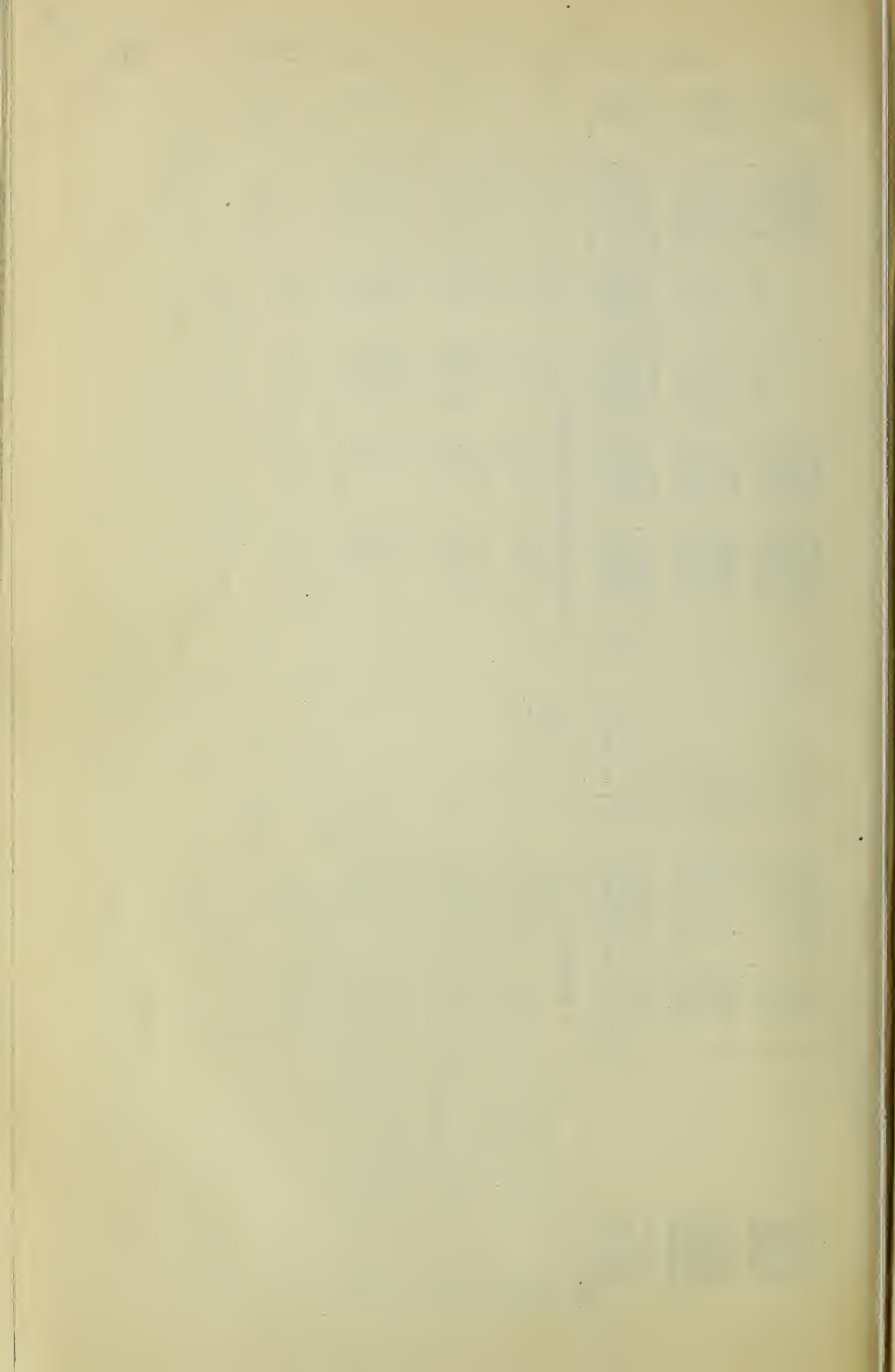


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HOP CROP OF THE UNITED STATES,
1790-1911.

COMPILED UNDER THE DIRECTION OF
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HOP CROP OF THE UNITED STATES, 1790-1911.

Intelligent use of the following table depends upon observing these explanations:

YEAR.—For production, the year mentioned is that of planting and growth. For exports and imports the year begins October 1 (of the growth year) during the period 1790-1842 (1842 is a 9-month year); July 1 for 1843 and subsequently.

AREA.—Of production, contiguous United States; of trade, contiguous United States, and, subsequent to their annexation, Alaska, Hawaii, and Porto Rico; of total consumption, contiguous United States, no allowance being made for the production and trade of Alaska, Hawaii, and Porto Rico because too small, if anything, to affect the result.

PRODUCTION.—1839, 1849, 1859, 1869, 1879, 1889, 1899, Census; 1847, 1853, estimates of the Commissioner of Patents; 1862-64, 1877, estimates of the Department of Agriculture; 1844-45, commercial estimates in Hunt's Magazine; 1890-98, commercial estimates for the States of New York, California, Oregon, and Washington in the American Agriculturist; 1900 and subsequently, commercial movement for years beginning July 1, computed from exports, imports, and Internal Revenue data for hops used in brewing.

TOTAL FARM VALUE.—Production multiplied by farm price per pound; 1899, Census.

FARM PRICE PER POUND.—1847 and 1853, estimates of Commissioner of Patents; 1849, 1889, 1899, Census; 1896-8, 1900-5, American Agriculturist; 1906 and subsequently, Bureau of Statistics, Department of Agriculture.

DOMESTIC EXPORTS.—Including reexports 1790-1801, not including reexports 1802-19, American State Papers; 1820-1908, Bureau of Statistics, Department of Commerce and Labor.

IMPORTS FOR CONSUMPTION.—Imports for consumption 1865 and subsequently, Bureau of Statistics, Department of Commerce and Labor.

CONSUMPTION.—No account taken of stocks at beginning and end of year. The figures are obtained by adding the imports for consumption to production and deducting domestic exports, and do not stand for consumption for any certain year.

CONSUMPTION OF HOPS PER CAPITA.—The indicated per capita consumption of hops, by 5-year periods, based upon area and population of contiguous United States, follows: 1891-95, 0.52 pound; 1896-1900, 0.36 pound; 1901-5, 0.48 pound; 1906-10, 0.49 pound.

FIVE-YEAR AVERAGES.—The percentages of production retained for consumption are weighted averages; farm values per pound and export values per pound are means.

GOLD VALUES.—All values have been reduced to gold for 1861-78.

BEER BREWED.—1795 from Pabst, the Brewing Industry; 1810 from George Ehret, History of American Beer; 1839, 1849, and 1859 from Census; other years from Internal Revenue reports. Figures for 1862 cover 9 months beginning September 1, 1862. Internal Revenue and Census figures are for all fermented liquors; subsequent to 1896 figures include fermented liquors removed from breweries for export free of tax.

1819.....	142,316	12,808	9.0	.....	.....	.....	.....
1820.....	319,501	18,498	5.8	.....	.....	.....	.....
1821.....	283,200	23,025	8.1	.....	.....	.....	.....
1822.....	249,927	27,124	10.9	.....	.....	.....	.....
1823.....	389,788	81,810	21.0	.....	.....	.....	.....
1824.....	117,023	13,865	11.8	.....	.....	.....	.....
1825.....	388,718	100,668	25.9	.....	.....	.....	.....
1826.....	88,460	8,284	9.4	.....	.....	.....	.....
1827.....	375,058	25,432	6.8	.....	.....	.....	.....
1828.....	128,482	6,917	5.4	.....	.....	.....	.....
1829.....	383,060	30,312	7.9	.....	.....	.....	.....
1830.....	265,043	26,664	10.1	.....	.....	.....	.....
1831.....	184,729	25,448	13.8	.....	.....	.....	.....
1832.....	408,798	92,963	19.8	.....	.....	.....	.....
1833.....	917,600	164,577	17.9	.....	.....	.....	.....
1834.....	625,684	90,720	14.5	.....	.....	.....	.....
1835.....	207,548	25,886	12.5	.....	.....	.....	.....
1836.....	1,096,428	89,705	8.2	.....	.....	.....	.....
1837.....	854,106	53,602	6.3	.....	.....	.....	.....
1838.....	747,164	72,425	9.7	.....	.....	.....	.....
1839.....	.....	11,235	13.7	1,156,416	93.4	750,572	.....
1840.....	.....	28,823	16.3	.....	.....	.....	.....
1841.....	339,181	35,547	10.5	.....	.....	.....	.....
1842.....	1,182,565	123,745	10.5	.....	.....	.....	.....
1843.....	664,363	51,550	7.8	.....	.....	.....	.....
1844.....	902,072	90,341	10.0	.....	960,928	51.6	.....
1845.....	287,754	41,692	14.5	.....	1,197,246	80.6	.....
1846.....	1,227,453	150,654	12.3	.....	.....	.....	.....
1847.....	257,016	17,671	6.9	.....	1,253,956	83.0	.....
1848.....	411,164	29,123	7.1	.....	.....	.....	.....
1849.....	1,275,455	142,692	11.2	.....	2,221,574	63.5	1,179,495
1850.....	110,360	11,036	10.5	.....	.....	.....	.....
1851.....	238,008	69,042	29.0	.....	.....	.....	.....
1852.....	245,647	40,054	16.3	.....	.....	.....	.....
1853.....	260,026	63,763	24.5	.....	2,739,974	91.3	.....
1854.....	4,021,816	1,310,720	32.6	.....	.....	.....	.....
1855.....	1,048,515	146,966	14.0	.....	.....	.....	.....
1856.....	924,538	84,852	9.2	.....	.....	.....	.....
1857.....	458,880	41,704	9.1	.....	.....	.....	.....
1858.....	587,953	53,016	9.1	.....	.....	.....	.....
1859.....	273,257	32,866	12.0	.....	10,718,739	97.5	3,235,545
1860.....	8,835,837	2,006,053	22.7	.....	.....	.....	.....
1861.....	4,860,046	653,968	13.5	.....	.....	.....	.....
1862.....	8,804,081	1,265,522	14.3	.....	7,135,919	44.6	2,006,025
1863.....	5,851,165	780,347	13.3	.....	7,148,835	55.0	3,141,381

Production, value, domestic exports, imports, and consumption of hops for the United States, 1790-1911—Continued.

Year.	Production.	Farm value.		Fiscal year beginning in year mentioned.						Retained and received for consumption.		Beer brewed, U. S. barrels of 31 gallons.
				Imports for consumption.								
				Domestic exports.			Net weight.					
		Total.	Per pound.	Net weight.	Export value.		Total import value.	Net weight.	Percentage of production.			
Dollars.	Cents.				Dollars.	Pounds.				Pounds.	Dollars.	
1864.....	Pounds. 13,000,000			Pounds. 3,671,371	Dollars. 673,214	Cents. 18.3				Pounds. 9,328,629	Per cent. 71.8	Barrels 3,657,181
1865.....				3,349,987	77,431	22.1						5,115,142
1866.....				1,001,603	258,832	25.8						6,207,400
1867.....				532,038	190,802	35.9						6,146,663
1868.....				11,209,555	1,185,197	10.5						6,342,055
1869.....	25,456,669			16,356,231	2,041,216	12.5						6,574,617
1870.....				3,273,653	281,469	8.6						7,740,200
1871.....				3,061,244	365,705	11.9						8,659,427
1872.....				1,735,437	238,932	13.3						9,633,323
1873.....				117,358	25,188	21.5						9,600,897
1874.....				3,066,703	1,143,165	37.2						9,452,697
1875.....				9,191,589	1,223,681	13.3						9,902,352
1876.....				9,581,108	2,139,662	22.3						9,810,060
1877.....	39,000,000			18,458,782	2,102,453	11.4						10,241,471
1878.....				5,458,159	699,767	12.8						11,103,084
1879.....	26,546,378			9,739,566	2,573,292	26.4						13,347,111
1880.....				8,990,655	2,016,970	22.4						14,311,028
1881.....				5,867,363	1,456,786	24.8						16,952,085
1882.....				7,817,228	5,616,370	71.8						17,757,892
1883.....				13,516,643	3,205,211	24.2						18,998,619
1884.....				7,055,289	1,391,854	19.7						19,185,953
1885.....				13,665,661	1,714,488	12.5						20,710,933
1886.....				200,721	54,970	21.1						23,121,526
1887.....				6,793,818	1,203,060	17.7						24,680,219
1888.....				12,589,262	2,823,832	22.4						25,119,853

1889	39,171,270	4,059,697	10.4	7,540,854	1,110,571	14.7	6,446,973	1,059,696	38,077,389	97.2
1890	34,500,000			8,730,680	2,327,474	26.6	7,789,264	1,705,824	29,613,184	85.7
1891	37,440,000			12,094,080	2,492,502	19.2	2,397,547	839,205	27,045,636	72.7
1892	40,140,000			11,974,030	2,403,897	23.7	2,657,365	1,100,878	31,490,330	78.3
1893	48,240,000			17,472,975	3,844,282	22.0		471,597	31,888,507	65.5
1894	57,600,000			17,523,388	1,872,597	10.7	3,027,192	587,866	43,103,804	74.8
1895	52,560,000			16,765,254	1,478,919	8.8	2,736,574	610,839	35,830,250	73.3
1896	51,500,000	1,795,500	5.7	11,426,241	1,304,183	11.4	2,983,814	627,808	23,007,573	73.2
1897	40,500,000	3,706,500	9.3	17,161,669	2,642,779	13.4	2,322,019	630,383	25,000,330	63.4
1898	38,610,000	5,019,300	13.0	21,146,512	3,626,144	17.1	1,334,056	578,834	18,798,544	48.7
1899	49,209,704	4,081,929	8.2	12,039,474	1,707,660	13.5	2,557,318	712,016	39,127,548	79.5
1900	49,609,092	5,933,061	12.0	14,963,076	2,406,515	16.5	2,489,009	827,944	37,134,458	74.9
1901	47,126,551	5,796,506	12.3	10,715,151	1,550,657	14.5	2,894,954	859,735	39,305,854	83.4
1902	40,284,794	9,227,508	22.9	7,794,705	1,909,951	24.5	5,999,937	1,771,046	38,500,026	95.5
1903	47,828,707	10,952,774	22.9	10,985,988	2,116,180	19.3	2,770,552	1,369,329	39,613,271	82.8
1904	49,358,892	13,425,619	27.2	14,858,612	4,480,666	30.2	4,321,491	1,969,308	38,821,771	78.7
1905	44,565,541	6,640,268	14.9	13,026,904	3,125,843	24.0	9,680,208	2,260,333	41,108,843	92.4
1906	54,901,194	6,288,736	11.4	16,809,534	3,531,972	21.0	5,733,386	1,813,306	43,825,046	79.8
1907	57,510,103	5,693,500	9.9	22,920,480	2,963,167	12.9	8,636,192	1,911,602	43,225,815	75.2
1908	43,900,311	4,785,193	10.9	10,446,884	1,271,629	12.2	7,383,907	1,335,300	40,837,334	93.0
1909	50,697,048	11,284,745	22.2	10,589,254	2,062,140	19.5	3,185,991	1,492,779	43,293,785	85.4
1910	49,634,028	7,842,176	15.8	13,104,774	2,130,972	16.3	8,541,525	2,700,762	45,070,779	90.8
1911	α 40,000,000	α 15,320,000	38.3							
Average:										
1786-1800				19,214						
1801-1805				488,732						
1810-1820				204,276	45,625	20.4				
1821-1825				285,851	49,298	15.5				
1826-1830				248,021	19,522	7.9				
1831-1835				480,872	79,919	15.7				
1836-1840				591,281	51,158	10.8				
1841-1845				675,187	68,575	10.7				
1846-1850				656,290	70,355	9.6				
1851-1855				1,162,802	326,109	23.3				
1856-1860				2,216,095	443,698	12.4				
1861-1865				4,719,330	690,096	16.3				
1866-1870				6,486,016	791,503	18.7	879,814	228,727	6,602,199	9,602,199
1871-1875				3,446,406	699,346	19.4	2,429,300	695,435	9,449,739	9,449,739

^a Preliminary estimate, based upon unofficial returns.

Production, value, domestic exports, imports, and consumption of hops for the United States, 1790-1911—Continued.

Year.	Production.	Farm value.		Fiscal year beginning in year mentioned.				Retained and received for consumption.		Beer brewed, U. S. barrels of 31 gallons.	
				Domestic exports.		Imports for consumption.					
		Total.	Per pound.	Net weight.	Export value.		Net weight.	Total import value.	Net weight.		Percentage of production.
					Dollars.	Cents.					
Average—Continued.	Pounds.							Pounds.	Per cent.	Barrels.	
1876-1880.	4,123,264	9.6	10,445,654	1,906,429	19.1	203,659	65,351	.....	11,762,551	
1881-1885.	9,208,547	20.0	9,584,437	2,088,942	30.6	1,582,314	591,391	.....	18,721,096	
1886-1890.	7,166,858	14.0	7,184,147	1,503,981	20.5	7,356,983	1,007,565	.....	26,196,150	
1891-1895.	47,195,000	.....	15,146,667	2,462,423	16.9	2,328,069	722,095	.....	33,851,842	
1896-1900.	41,885,759	.....	15,467,314	2,349,456	14.8	2,339,255	676,597	.....	37,755,129	
1901-1905.	45,834,897	11,476,272	2,636,659	22.5	5,123,328	1,646,350	48,756,411	
1906-1910.	51,328,537	14,774,185	2,391,976	16.4	6,696,200	1,850,750	59,325,659	

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